design and, within this chaste frame, the elephants, princes, trees and *nat* spirits waved and bounded in profusion. At the base of each bowl was a felicitous salutation inscribed on a smooth ground. 326 412 531 511

Lacquer is another industry now turning out cigar and trinket boxes, table mats, bowls and other articles for the modern market, but also continuing to supply all Burmese households with objects for daily use. When my father was stationed at Magw[illegible] we went up the river to Pagan and from there by bullock cart to the village of Nyaung-U where the best Burmese lacquer is made. A frame of bamboo strips woven closely is covered and filled out with a mixture of cow-dung and paddy husk, and given a thick coat of black *thitsi*, wood-oil. Traditional designs are engraved on this when dry, and successive coatings of thitsi mixed with colouring are put on, the bowl being allowed to dry and turned on a lathe to take off the colour not required in the pattern in between each coating. The finished product is polished smooth and so flexible that a bowl can be bent till the opposite sides of its rim touch. We had lacquer boxes, *yun-its*, of great size to hold my father's turbans and my mother's scarves, round ones to hold combs and tresses for my mother's hairdressing, drinking mugs, betel boxes and many others. We had *kyauk-ka*, a more solid lacquer of plain red and black, for food carriers. with plates and cups to match. 322 415 531 [438]

Wood seems part of the fabric of the Burmese craftsman's being. The wealth of the forests which provided teak, pyinkado, ingyin and a host of other woods for lasting structures; the perfect medium they afforded to the chisel, gouge and mallet of the carver, and the traditional forms of architecture which offered vantage points for the display of superb craftsmanship all combined to make wood-carving the most lively of Burmese arts. But wood-carving cannot be seen to advantage in domestic articles; we had carved wooden frames for photographs of monks and of Grandfather, carving on the screen which walled off the altar room, but Burmese carvers in wood had never devoted their talents to the cutting of small articles. Teak and *yamanè*, the two woods usually carved on, have a coarse grain in which fine detail cannot be rendered. Beginning from the days when the tradition was to reserve carving for the wood of sacred structures only—palaces and monasteries—the craftsman had put all his skill into animating the gables and eaves of tiered monastery roofs, palace walls and ceilings, with a riot of liying ogres, nats, dancing spirits and birds surrounded by leaves, flowers and scroll work which did not leave an inch bare. 322 314 531

Still, the village craftsman with a talent for work in wood does not lack scope in his rural surroundings. 322

2:Scott G-5 (1870's-1909)1910 AP1 Burma
Burmese AP4

CHAPTER XXVII

LACQUER WARE

322
285

FOR a long time it was assumed that Japanese and Chinese lacquered goods were simply papier-mâché. A popular fancy for the ware has brought to the knowledge of all who care for the information that it is really wood of different kinds painted over with the juice of the urushi tree. Should fashion ever inspire a similar enthusiasm for Burmese productions of the same kind, it is probable that it may be supposed that these also are composed of solid wood, and people will wonder at the extreme thinness and flexibility of the finer specimens. But it is only the coarsest ware which is thus produced. All the better boxes and cups are made of a woven basket-work of strips of bamboo; the varnish used on them is, like the Japanese lacquer, the sap obtained from the stem of a tree, and has nothing whatever to do with the insect-produced lac, such as English varnishers employ in solution with alcohol. I am no botanist enough to know whether the urushi (*Rhus vernicifera*), the Japanese tree, is identical with the Burman thi'si (*Melanorrhœa usitatissima*), or even whether it is of the same genus or order. Thi'si (literally wood-oil) is dark in colour from the moment it is gathered, whereas the urushi sap is described as being light yellow when first extracted, and only turning black after considerable exposure to the air. The urushi has been cultivated by royal order for hundreds of years in Japan; but in Burma, though the Forest Department declares the thi'si a reserved tree, there is no attempt at organised cultivation, and the thi'si-bin grows wild in the jungle. Not even near Nyaung-u, where nearly

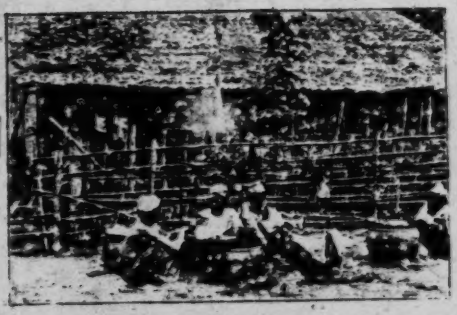
314
137

2:Scott G-5 (1870's-1909)1910 AP1 Burma
Burmese AP4

every household in the town is occupied in the trade, is there any attempt at regular planting of nurseries. Nevertheless it is plentiful enough, and affords a magnificent spectacle when it is in flower—a huge forest tree covered so thickly with creamy-white blossoms that the leaves cannot be seen. The flowers have a fragrant scent not unlike that of apples, and the needy and practical Burman often makes a very acceptable curry of the buds. In full-grown trees the average height to the first branch is thirty feet, and the ordinary girth six feet from the ground is nine feet. Charcoal-burners have a predilection for the wood, which would not meet with approval in Japan; and it is much used for anchors and tool-helves, being very close and fine-grained. It is too heavy to float when green, but dried it is not particularly weighty. The sap may be collected at all times, except when the fruit is on the trees, from Pyatho to Tabaung—the first three months of the English year. Then it is thin and does not produce such a brilliant polish. The mode of collection is simple enough. Incisions are made in the stem, and the sap trickles into bamboos placed to catch it. When it is to be kept any time there must be a depth of two or three inches of water on the top, otherwise it would dry up and become solid. The water, however, does not improve it. The best varnish, called thi'si ayaungtin, is that which has been just drawn from the tree; the second quality contains twenty-five per cent of water, the inferior as much as fifty.

The articles lacquered are chiefly drinking-cups and betel-boxes, the latter consisting of a cylindrical inner case, in which are fitted two or three trays for holding the lime, betel-vine leaves, cutch, nuts, and other ingredients for betel-chewing, the whole covered by an outer lid reaching to the bottom of the inner case. Ordinary kôn-it, betel-boxes, are three or four inches high and two and a half to three in diameter. Articles of the same shape are made of all sizes up to a couple of feet or more in height, these last being used for holding clothes and women's working materials. The bi-it, ladies' toilet-boxes, are often the most delicate and carefully worked. The actresses always carry splendid specimens about with them to contain their combs, oil, scent,

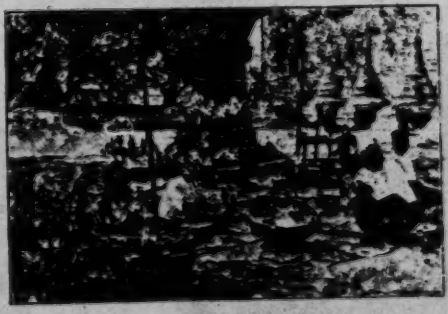
25: Ferrars E-5 (ca. 1890) 1901 AP1 Burma
Burmese AP4



285. PEDLARS.

tain a fire of billets on a special hearth as big as the couch, and placed alongside of it, for five or seven days. The antiseptic property of the smoke may be of value, but the relaxing effect of the artificial heat is believed to be a reason why the Burman women are so much less hardy in this particular than the neighbouring races. The hospital of the Lady Dufferin Fund is helping to spread a more enlightened practice. The ratio of insane in the population is about a quarter of that of Western Europe and America, but is double that of India.

Almost the only dealer who hawks his goods in the street is the seller of oil (*hmanzi*, No. 282). He uses a light spring yoke of the wood of the *zi*-tree, the heavier form of which is seen in No. 283. By its springiness the yoke maintains the load at an even level, thus saving waste of work. As much as a hundredweight is carried for long distances. In merely shifting goods at warehouses, carriers will move two hundredweight. They earn six to twelve annas a day. The only vegetable oil used for burning is the oil or resin of the *ka-nyin* (No. 362). Chips are soaked in the wood-oil and made up into torches (*mlidaing*) with leaves of the pandanus. The oil is obtained by hewing deep recesses into the butts of the trees for it to collect in, and firing these from time to time to induce a fresh flow. In the valley of the Irawadi, the crude earth-oil from the wells at Yenándyaung is burned in open lamps. This is the earliest petroleum known to commerce, under the name "Rangoon oil." In recent years petroleum has also been found in Arakán. The out-turn from the Burma oilwells in 1898–99 was thirty-two million gallons, valued at



286. TOY AND FLOWER STALLS